

DOCKET NO.: MSFT-1750/302726.01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

J. Patrick Thompson, et al.

Confirmation No.: 1753

Application No.: 10/646,940

Group Art Unit: 2168

Filing Date: August 21, 2003

Examiner: Ly, Cheyne D.

For: **SYSTEMS AND METHODS FOR THE IMPLEMENTATION OF A BASE  
SCHEMA FOR ORGANIZING UNITS OF INFORMATION MANAGEABLE  
BY A HARDWARE/SOFTWARE INTERFACE SYSTEM**

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

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- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers **14 thru 94, 99, 100 thru 112** listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of reference numbers **95 thru 98** on the attached Form PTO 1449 are not required to be submitted pursuant to the waiver of 37 CFR § 1.98(a)(2)(i).

☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

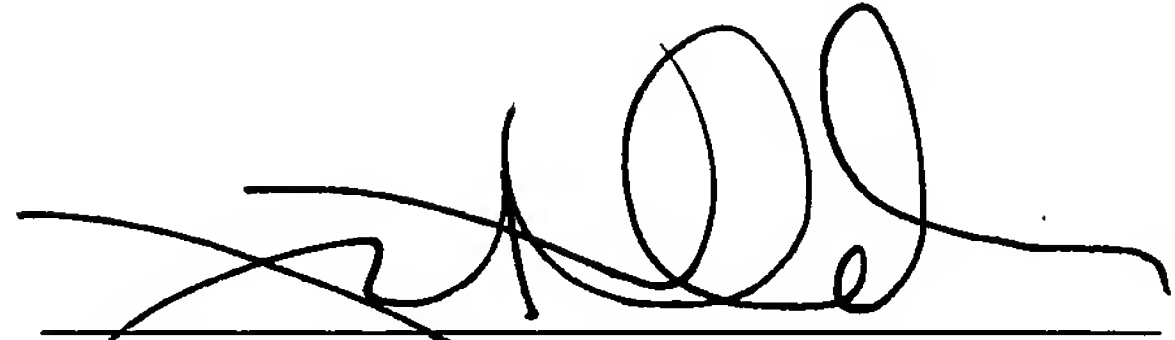
There are no listed references which are not in the English language.

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**PATENT**

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Date: May 22, 2006

  
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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>MSFT-1750/302726.01</b>	Application No. <b>10/646,940</b>
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	14	Andrews, T. et al., "Combining Language and Database Advances in an Object-Oriented Development Environment", <i>OOPSLA Proceedings</i> , <b>October 4-8, 1987</b> , 430-440	
	15	Beard, et al., "Multilevel and Graphical Views of Metadata", <i>Research and Technology Advances in Digital Libraries</i> , <b>1998</b> , 256-265,	
	16	Beitner, N.D. et al., "Multimedia Support and Authoring in Microcosm: An Extended Model", <i>Department of Electronics and Computer Science</i> , University of Southampton, 12 pages	
	17	Berg, C., How Do I Create Persistent Java Objects? <i>Dr. Dobb's Journal</i> , <b>1997</b> , 22(4), 98-101	
	18	Bhattacharya, S. et al., "Coordinating Backup/Recovery and Data Consistency Between Database and File Systems", <i>International Conference on Management of Data and Symposium on Principles of Database Systems, Proceedings of the 2002 ACM SIGMOD International Conference on Management of Data</i> , <b>2002</b> , 500-511	
	19	Biliris, A., "The Performance of Three Database Storage Structures for Managing Large Objects", <i>ACM SIGMOD</i> , <b>1992</b> , 276-285	
	20	Booch, G. Benjamin/Cummings Publishing Co, "Object-Oriented Analysis and Design with Applications", <b>1994</b> , 155, 156, 179-183	
	21	Bracchi et al., "Binary Logical Associations in Data Modelling", <i>Modelling in Data Base Management Systems G.M. Nijssen, (ed); North Holland Publishing Company</i> : <b>1976</b> , 125-147	
	22	Buneman, P. et al., Inheritance and Persistence in Database Programming Languages, <i>ACM</i> , <b>1986</b> , 4-15	
	23	Chien, A.A., "Concurrent Aggregates (CA) – Design and Experience with a Concurrent Object – Oriented Language Based on Aggregates", <i>J. Parallel and Distributed Computing</i> , <b>1995</b> , 25(2), 174-196	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>24</b>	Chrysostomidis, Chryssosimos, et al. "Geometric Modeling Issues in Computer Aided Design of Marine Structures", <i>MTS Journal</i> , 22(2) pp 15-33	
	<b>25</b>	"Computervision Launches Design Automation Development Platform for Windows", <i>PR Newswire</i> , Financial News, <b>Jan. 10, 1995</b>	
	<b>26</b>	Darby, C., "Object Serialization in Java 1.1. Making Objects Persistent, <i>WEB Techniques</i> , 1997, 2(9), 55, 58-59	
	<b>27</b>	"Developer's Guide to Apple Data Detectors-For Version 1.0.2", ©Apple Computer, Inc., 1997, 1-34	
	<b>28</b>	Dietrich, Walter C., Jr., et al., "TGMS: An Object-Oriented System for Programming Geometry", <i>Software-Practice and Experience</i> , <b>Oct 1989</b> , 19(10), 979-1013	
	<b>29</b>	Dobashi, Y. et al, "Skylight for Interior Lighting Design", <i>Computer Graphics Forum</i> , 1994, 13(3), C85-C96	
	<b>30</b>	Dorsch, Jeff, "Accel Signs with IBM to Buy Altium PCB Unit-Accel Technologies Acquires the Assets to Altium's P-CAD Business Unit", <i>EDA Licensing, Electronic New</i> , <b>Jan.16, 1995</b> , 4 pages	
	<b>31</b>	Fegaras, Leonidas, "Optimizing Object Queries Using an Effective Calculus", <i>ACM Transactions on Database Systems</i> , <b>Dec 2000</b> , 25(4), 457-516	
	<b>32</b>	Findler, R.B. et al., Contract Soundness for Object-Oriented Languages ACM Conference on Object-Oriented Programming Systems, Languages, and Applications, <i>OOPSLA</i> , 2001, 15 pages	
	<b>33</b>	Foley et al., Computer Graphics: Principles and Practices, Second Edition, Addison-Wesley Publishing Company, 1990, Ch. 5 and 9, pp. 201-283	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>34</b>	Friis, A.-Christensen, et al. "Geographic Data Modeling: Requirements and Research Issues in Geographic Data Modeling," <b>November 2001</b> , <i>Proceedings of the 9th ACM International Symposium on Advances in Geographic Information Systems</i> , 2-8	
	<b>35</b>	Fuh, Y-C. et al, "Implementation of SQL3 Structured Types with Inheritance and Value Substitutability", <i>Digital Symposium Collection</i> , <b>2000</b> , Abstract only, 2 pages, <a href="http://www.acm.org/sigmod/disc/p_implementationoyostw.htm">www.acm.org/sigmod/disc/p_implementationoyostw.htm</a>	
	<b>36</b>	Garret, J.H., Jr. et al, "An Object Oriented Environment for Representing Building Design and Construction Data", <i>Advanced Construction Technology Center</i> , <b>June 1989</b> , Document No. 89-37-04, 1-34	
	<b>37</b>	Godoy Simões, M. et al, "A RISC-Microcontroller Based Photovoltaic System for Illumination Applications", <i>APEC 2000. Fifteenth Annual IEEE Applied Power Electronics Conference and Exposition</i> , <b>February 6-10, 2000</b> , 2, 1151-1156	
	<b>38</b>	Goscinski, A. "Distributed Operating Systems The Logical Design", <i>Addison-Wesley</i> , <b>1991</b> , 306-313	
	<b>39</b>	Harrison, C.J. et al., "Structure Editors: User-Defined Type Values and Type Inference", <i>IEEE</i> , <b>2000</b> , 241-247	
	<b>40</b>	Haverlock, K., "Object Serialization, Java, and C++", <i>Dr. Dobb's Journal</i> , <b>1998</b> , 23(8), 32, 34, 36-37	
	<b>41</b>	Hay, David C, "Data Model Patterns: Convention of Thought", (Dorset House Publishing, New York, NY <b>1996</b> , 47-67, 235-259	
	<b>42</b>	Hernandez, M.A. et al, "The Merge/Purge Problem for Large Databases, International Conference on Management of Data and Symposium on Principles of Database Systems", <i>Proceedings of the 1995 ACM SIGMOD International Conference on Management of Data</i> , <b>1995</b> , 127-138	
	<b>43</b>	Hsiao, H.I. et al., "DLFM: A Transactional Resource Manager", <i>SIGMOD, Proceedings of the 2000 ACM SIGMOD International Conference on Management of Data</i> , <b>2000</b> , 518-528	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>44</b>	Kaneko, K, et al, "Design of 3D CG Data Model of Move Animation Database System", <i>Advanced Database Research and Development Series, vol. 3, Proceedings of the Second Far-East Workshop On Future Database Systems, 1992, 364-372</i>	
	<b>45</b>	Kaneko, K. et al., Towards Dynamics Animation on Object-Oriented Animation Database System Move", <i>Advanced Database Research and Development Series, vol. 4, Database Systems for Advanced Applications 1993, 3-10</i>	
	<b>46</b>	Katz, R.H., "Toward a Unified Framework for Version Modeling in Engineering Databases", <i>ACM Computing Surveys, 1990, 22(4), 375-408</i>	
	<b>47</b>	Kawabe, S. et al, "A Framework for 3D Modeling Constraint-Based Description and Non-Manifold Geometric Modeling", <i>A Collection of Contributions based on Lectures Presented at the 2d Toyota Conference, Organization of Engineering Knowledge for Product Modelling in Computer Integrated Manufacturing, Japan, Oct. 2-5, 1988, 325-357</i>	
	<b>48</b>	Kempfer, L., "CAD Jumps on Windows 3.1 Bandwagon", <i>Computer Aided Engineering, 1993, 24-25</i>	
	<b>49</b>	Khan, L. et al, "A Performance Evaluation of Storing XML Data in Relational Database Management Systems, <i>WIDM, 2001, 31-38</i>	
	<b>50</b>	Khoshafian, S. et al, "Object Identify", <i>OOPSLA'86, 1986, 21, 406-416</i>	
	<b>51</b>	Kiesling, R., "ODBC in UNIX Environments", <i>Dr. Dobb's Journal, December 2002, 27(12), 16-22</i>	
	<b>52</b>	King et al, "TriStarp- An Investigation into the Implementation and Exploitation of Binary Relational Storage Structures", <i>Proc. 8.sup.th BNCOD(British National Conference On Data Bases), pp. 64-84 (York 1990).</i>	
	<b>53</b>	Krouse, J.K., "Geometric Models for CAD/CAM", <i>Machine Design, July 24, 1990, 99-105</i>	
	<b>54</b>	LeBlanc, Andrew R., et al, "Design Data Storage and Extraction Using Objects", <i>Concurrent Engineering: Research and Applications, 1993, 1, 31-38</i>	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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	<b>55</b>	Leontiev, Y. et al, "On Type Systems for Object-Oriented Database Programming Languages", <i>ACM Computing Surveys</i> , <b>December 2002</b> , 34(4), 409-449	
	<b>56</b>	Lim, J.B. et al, "Transaction Processing in Mobile, Heterogeneous Database Systems", <i>IEEE Trans. on Knowledge and Data Engineering</i> , <b>2002</b> ,14(6), 1330-1346	
	<b>57</b>	Mallet, S. et al., "Myrtle: A Set-Oriented Meta-Interpreter Driven by a Relational Trace for Deductive Databases Debugging", <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 1559, 328-330	
	<b>58</b>	Mariani, J. A., Oggetto: "An Object Oriented Database Layered on a Triple Store", <i>The Computer Journal</i> , <b>1992</b> , 35(2),108-118	
	<b>59</b>	McMahon, L.E, "SED-A Non-Interactive Text Editor", Bell Laboratories, <b>August 15, 1978</b> , 10 pages	
	<b>60</b>	"Mechanical Design Software (Buyers Guide)", <i>Computer-Aided Engineering</i> , <b>Dec 1993</b> , 12(12), 32-36	
	<b>61</b>	Melton, J. et al, "SQL and Management of External Data", <i>SIGMOD Record</i> , <b>March 2001</b> , 30(1), 70-77	
	<b>62</b>	Mitchell, W.J., "The Logic of Architecture", <i>Massachusetts Institute of Technology</i> , <b>1990</b> , 139-143	
	<b>63</b>	Navathe, S.B., "Evolution of Data Modeling for Databases," <i>Communications of the ACM</i> , <b>September 1992</b> , 35(9), 112-123	
	<b>64</b>	Nelson, M. et al, "Generic Support for Caching and Disconnected Operation", <i>4th Workshop on Workstation Operating Systems</i> , <b>Oct 1993</b> , 61-65	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



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	<b>65</b>	Nijssen, G.M. et al., "Conceptual Schema and Relational Database Design, A Fact Oriented Approach", <i>Department of Computer Science, University of Queensland, Prentice Hall</i> , 10-33, 42-43, 48-51, 156-170	
	<b>66</b>	Oracle 9i SQL Reference, Release 2 (9.2), <b>March 2002</b> , 13-89 to 13-90	
	<b>67</b>	Orenstein, J, et al, "Query Processing in the Object Store Database System", <i>ACM SIGMOD International Conference on Management of Data</i> , <b>June 1992</b> , 21(2),403-412	
	<b>68</b>	Ottogalli, F.G. et al., "Visualisation of Distributed Applications for Performance Debugging", <i>Lecture Notes in Computer Science</i> , <b>January 2001</b> , 2074, 831-840	
	<b>69</b>	Pachet, et al, "A Combinatorial Approach to Content-Based Music Selection", <i>Multimedia Computing and Systems</i> , <b>Jun 7, 1999</b> , 457-462	
	<b>70</b>	Papiani, M. et al, "A Distributed Scientific Data Archive Using the Web, XML and SQL/MED", <i>SIGMOD Record</i> , <b>September 1999</b> , 28(3), 56-62	
	<b>71</b>	Powell, M., "Object, References, Identifiers, and Equality White Paper", ( <b>Jul. 2, 1993</b> ), <i>OMG TC Document 93.7.5</i> , 1-24	
	<b>72</b>	Prosise, J., "2-D Drafting: Why Pay More?", <i>PC Magazine: The Independent Guide to IBM-Standard Personal Computing</i> , <b>1993</b> , 12(4), 255-289	
	<b>73</b>	Reiner, A. et al., "Benefits of X-based Three-Tier Client/Server Model with ESRI Applications", <i>Virtual Solutions</i> , <b>1995</b> , 9 pages	
	<b>74</b>	Read, III, B.C., "Developing the Next Generation Cockpit Display System", <i>IEEE Aerospace and Electronics Systems Magazine</i> , <b>1996</b> , 11(10), 25-28	
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>

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	Confirmation No. <b>1753</b>		
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>75</b>	Rouse, N.E., "CAD Pioneers are Still Trailblazing", <i>Machine Design</i> , <b>Oct. 22, 1987</b> , 59(25),117-122	
	<b>76</b>	Roussopoulos, N. et al., "Using Semantic Networks for Data Base Management", <i>Proceedings of the 1<sup>st</sup> Supplemental VLDB Conference</i> , <b>1975</b> , 144-172	
	<b>77</b>	Santos, J.L.T. et al., "Computer Aided Mechanical Engineering Design Environment for Concurrent Design Process", <i>Proceedings of the 1993 ITEC Workshop on Concurrent Engineering</i> , <b>May 4-6, 1993</b> , Simulation in Concurrent Engineering, 71-83	
	<b>78</b>	Seshadri, P., "Enhanced Abstract Data Types in Object-Relational Databases", <i>The VLDB Journal, The International Journal on Very Large Databases</i> , <b>1998</b> , 7, 130-140	
	<b>79</b>	Simon, A.R., <i>Strategic Database Technology: Management for the Year 2000</i> , <b>1995</b> , pp 6-9, 14-17, 55-57, Morgan Kaufmann Publishers	
	<b>80</b>	Sreenath, N., "A Hybrid Computation Environment for Multibody Simulation", <i>Mathematics and Computers in Simulation</i> , <b>1992</b> , 121-140	
	<b>81</b>	Singhal, A. et al., "DDB: An Object Design Data Manager for VLSI CAD", <i>Association for Computer Machinery</i> , <b>1993</b> , 467-470	
	<b>82</b>	Stevens, T., "Value in 3-D", <i>Industry Week</i> , <b>January 8, 1995</b> , 45-46	
	<b>83</b>	Stonebraker, M., "The Case for Partial Indexes", <i>SIGMOD Record</i> , <b>1989</b> , 18(4), 4-9	
	<b>84</b>	Strickland, T.M., "Intersection of Relational and Object", <i>Proceedings of the AM/FM International Conference XVII</i> , <b>March 14-17, 1994</b> , 69-75	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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		Confirmation No. <b>1753</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>85</b>	Sutherland, J. et al., "The Hybrid Object-Relational Architecture (HORA), An Integration of Object-Oriented and Relational Technology", <i>Applied Computing: States of the Art and Practice</i> , <b>1993</b> , 326-333	
	<b>86</b>	Suzuki, H. et al., "Geometric Modeling for Modeling Products", <i>Proceedings of the Third international Conference on Engineering Graphics and Descriptive Geometry</i> , <b>July 11-16, 1988</b> , Vienna Austria, 2, 237-243	
	<b>87</b>	Sreekanth, U. et al., "A Specification Environment for Configuring a Discrete-Part Manufacturing System Simulation Infrastructure", <i>International Conference on Systems, Man and Cybernetics</i> , <b>October 17-20, 1993</b> , 1, 349-354	
	<b>88</b>	Taylor, R.H. et al., "An Integrated Robot System Architecture", <i>Proceedings of the IEEE</i> , <b>July 1983</b> , 71(7), 842-856	
	<b>89</b>	Varlamis I. et al., "Bridging XML-Schema and Relational Databases. A System for generating and Manipulating Relational Databases using Valid XML Documents", <i>DocEng' 01</i> , <b>November 9-10, 2001</b>	
	<b>90</b>	Wilcox, J., "Object Databases-Object Methods in Distributed Computing", <i>Dr. Dobbs Journal</i> , <b>November 1994</b> , 19(13), 26-34	
	<b>91</b>	Watanabe, S., "Knowledge Integration for Architectural Design", <i>Knowledge-Based Computer-Aided Architectural Design</i> , <b>1994</b> , 123-146	
	<b>92</b>	Waugh, A., "Specifying Metadata Standards for Metadata Tool Configuration", <i>Computer Networks and ISDN Systems</i> , <b>1998</b> , 30, 23-32	
	<b>93</b>	Wold, E. et al., "Content-Based Classification, Search, and Retrieval of Audio", <i>IEEE Multimedia</i> , <i>IEEE Computer Society</i> , <b>1996</b> , 3, 27-36	
	<b>94</b>	Yoshikawa, M. et al., "XRel: A Path-Based Approach to Storage and Retrieval of XML Documents Using Relational Databases", <i>ACM Transactional on Internet technology</i> , <b>August 2001</b> , 1(1), 110-141	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	<b>95</b>	5,893,106	04/06/99	Brobst, et al.	707	102	
	<b>96</b>	6,085,192	07/04/00	Mendez, et al.	707	10	
	<b>97</b>	6,151,606	11/21/00	Mendez	707	201	
	<b>98</b>	6,708,221 B1	03/16/04	Mendez, et al.	709	248	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	<b>99</b>	WO 02/075539 A2	09/26/02	PCT			
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-1750/302726.01</b>		Application No. <b>10/646,940</b>
	Applicant <b>J. Patrick Thompson, et al.</b>		
	Filing Date <b>August 21, 2003</b>		Group <b>2168</b>
	Confirmation No. <b>1753</b>		
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>100</b>	Mazzola Paluska, J. et al., "Footloose: A Case for Physical Eventual Consistency and Selective Conflict Resolution", <i>Proceedings of the 5<sup>th</sup> IEEE Workshop on Mobile Computing Systems and Applications</i> , <b>2003</b> , 170-179	
	<b>101</b>	Huang, Yun-Wu. Et al., "Lightweight Version Vectors for Pervasive Computing Devices", <i>IEEE</i> , <b>2000</b> , 43-48	
	<b>102</b>	Ramsey, N. et al., "An Algebraic Approach to File Synchronization", <i>Software Engineering Notes, Association for Computing Machinery</i> , <b>September 2001</b> , 26(5), 175-185, XP002295139	
	<b>103</b>	Gray, J. et al., "The Dangers of replication and a Solution", <i>SIGMOD</i> , <b>1996</b> , 25(2), 173-182, XP-002146555	
	<b>104</b>	Helal, S. et al., "A Three-tier Architecture for Ubiquitous Data Access", <i>Computer Systems and Applications ACS/IEEE</i> , <b>June 2001</b> , 177-180, XP010551207	
	<b>105</b>	Kistler, J.J. et al., "Disconnected Operation in the Coda File System", <i>ACM Transactions on Computer Systems</i> , <b>February 1992</b> , 10(1), 3-25, XP000323223	
	<b>106</b>	Kistler, J.J. et al., "Increasing File System Availability through Second-Class Replication", <i>IEEE</i> , <b>1990</b> , 65-69, XP010021244	
	<b>107</b>	"SyncML Sync Protocol", <b>2000</b> , Version 1.0, 60 pages, <a href="http://www.syncml.org/docs/syncml_protocol_v10_20001207.pdf">http://www.syncml.org/docs/syncml_protocol_v10_20001207.pdf</a>	
	<b>108</b>	Seshadri, P. et al., "SQLServer for Windows Ce-a Database Engine for Mobile and Embedded Platforms", <i>Data Engineering, Proceedings of the 16<sup>th</sup> International Conference, IEEE Computer Society</i> , <b>March 2000</b> , 642-644, XP 010378761	
	<b>109</b>	Berenson, H. "A Critique of ANSI SQL Isolation Levels", <i>SIGMOD RECORD</i> , <b>1995</b> , 24(2), 10 pages	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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		Confirmation No. <b>1753</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>110</b>	Greenwald, R. et al., "Oracle Essentials: Oracle 8 & Oracle 8i", <i>MultiUser Concurrency</i> , 1999, Ch. 7, 7 pages, XP-002312028	
	<b>111</b>	Plattner, C. et al., "Ganymed: Scalable Replication for Transactional Web Applications", <i>IFIP International federation for Information Processing</i> , 2004, 155-174, XP-002370197	
	<b>112</b>	Shapiro, M. et al., "Managing Databases with Binary Large Objects", <i>IEEE</i> , 1999, 185-193, XP-000922048	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	